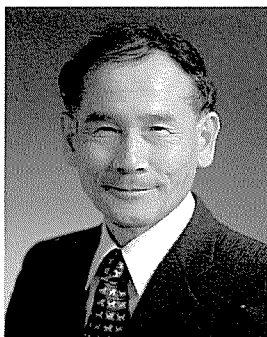


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1957年 東北大学理学部化学学科卒業
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1962～1974 東北大学非水溶液化学研究所助手
1965～1967 米国ハーバード大学化学科博士研究員
1974～1980 東北大学非水溶液化学研究所助教授
1980～1991 東北大学非水溶液化学研究所教授
1991～現在 東北大学反応化学研究所教授に配置換
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受 賞

1972年 日本生化学会奨励賞
1986年 オーエンスレーガー賞
1996年 有機合成化学協会賞

〈研究の流れ〉

1957～1965年 トロポロン誘導体の合成的研究

1965～1967年 ハーバード大学に留学して酵素の研究に手を染めて以来、ずっとイソプレノイドの生合成に関する研究を行ってきた。とくに C_5 単位の重合的縮合による C-C 結合形成反応の酵素の探索と反応機構の研究を行い、珍しいサブユニット構成の酵素を発見した。それを契機として、種々の酵素を見出し、イソプレノイド鎖延長酵素系(プレニルトランスフェラーゼ系)を体系化した。

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[II. トロポノイドの研究]

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[東北大学非水溶液化学研究所報告]

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